

A

11/15/01

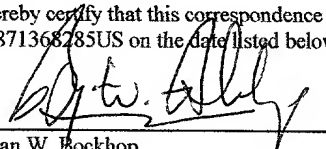
## 11/15/01

J1046 U.S. PTO  
10/003366  
11/15/01

Dear Sir:

Also enclosed are:

|   | SHEETS OF  | [X] FORMAL DRAWINGS | <input type="checkbox"/> INFORMAL DRAWINGS |
|---|--|---------------------|--|
| X | OATH OR DECLARATION OF APPLICANT(S)  |                     |  |
| X | A POWER OF ATTORNEY  |                     |  |
|   | A CHECK IN THE AMOUNT OF \$0.00 TO COVER THE FILING FEE  |                     |  |
| X | PTO-2038, <b>CREDIT CARD PAYMENT FORM.</b> THE COMMISSIONER IS REQUESTED TO CHARGE \$740.00 TO THE CREDIT CARD LISTED IN THE PTO-2038 TO COVER THE FILING FEE  |                     |  |
| X | ASSIGNMENT OF THE INVENTION TO INTERNATIONAL BUSINESS MACHINES CORPORATION, ARMONK, NEW YORK 10504   |                     |  |
| X | ASSIGNMENT RECORDATION COVER SHEET   |                     |  |
| X | A CHECK IN THE AMOUNT OF \$40.00 TO COVER RECORDATION OF THE ASSIGNMENT  |                     |  |
| X | INFORMATION DISCLOSURE STATEMENT   |                     |  |
| X | PTO-1449 AND COPIES OF DISCLOSED REFERENCES  |                     |  |
| X | THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY DEFICIENCIES OR CREDIT ANY OVERPAYMENT TO ACCOUNT NO. 501403 PLEASE NOTE: A CREDIT CARD PAYMENT AUTHORIZATION IS FILED HEREWITH. THE COMMISSIONER IS <b><i>NOT</i></b> AUTHORIZED TO CHARGE THE BASIC FILING FEE (EXCEPT FOR ANY DEFICIENCIES) TO THE DEPOSIT ACCOUNT. |                     |  |
|   | A CERTIFIED COPY OF PREVIOUSLY FILED FOREIGN APPLICATION NO. FILED IN ON.  |                     |  |

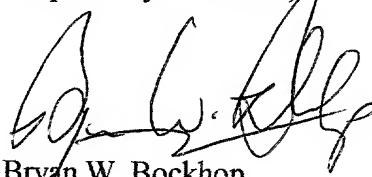
|   |   |
|---|---|
| X | <p>I hereby certify that this correspondence is being placed in the United States Mail as Express Mail No EL871368785US on the date listed below.</p> <p style="text-align: center;"> <br/>             Bryan W. Bockhop         </p> <p style="text-align: right;">             11/15/01<br/>             Date         </p> |
| X | OTHER (IDENTIFY): <b>RETURN PTO POSTCARD</b>  |

The filing fee is calculated as follows:

**CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT**

|  |          |
|--|----------|
| TOTAL CLAIMS = 11 - 20 = 0 x \$18.00 =     | \$0.00   |
| INDEPENDENT CLAIMS = 2 - 3 = 0 x \$80.00 = | \$0.00   |
| BASIC FEE =                                | \$740.00 |
| TOTAL OF ABOVE CALCULATIONS =              | \$740.00 |
| REDUCTION BY 1/2 FOR SMALL ENTITY =        | \$0.00   |
| TOTAL FILING FEE =                         | \$740.00 |

Respectfully submitted,



Bryan W. Bockhop  
Registration No.: 39,613

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**PTO CUSTOMER NO.: 25854**